

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS			
		1	2	3	4
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA	1 -- -- 2	6 -- -- 4	4 -- -- 1	2 -- -- 1
DETECTOR CABLE	#16/2	--	1	1	--
PHASE 1		--	--	--	--
PHASE 2		--	3	3	--
PHASE 3 (NOT USED)		--	--	--	--
PHASE 4 (NOT USED)		--	--	--	--
PHASE 5		1	1	--	--
PHASE 6		--	2	2	--
PHASE 7 (NOT USED)		--	--	--	--
PHASE 8		--	1	--	--
TOTALS		4	8	3	--
PRE-EMPTION CABLE	4 #20	--	2	1	1
INTERCONNECT CABLE	6-PAIR #19	--	--	--	--
I.I.S.N.S.	#12	2	--	2	2
FLASHING BEACON	#10	2	--	2	--
LUMINAIRES	#8	2	--	2	2
SIGNAL SERVICE	#8	2	2	--	--
CONDUIT SIZE (N) = NEW		3"	3"	3"	3"(N)

EQUIPMENT		SCHEDULE				REMARKS		
SIGNAL STANDARD NO.	HEIGHT	M.A.	LUMINAIRE M.A.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE PEDESTRIAN		PPB PHASE	
(A) 29-5-129(C)	9.1m	15.2m(C)	4.6m(N)	250W(R)	CANYON RIDGE(R) DR 9300	MAS(N) MAS(R) SV-2-TD(R)	SP-1-T(N) 8(N)	SEE NOTES 5, 7 & 8
(B) 16-2-80(E)	17'	20'(E)			VAN BUREN(E) BLVD 1400	MAS(E) SV-3-TV(N)		SEE NOTE 6
(C) 29-5-129(C)	9.1m	15.2m(C)	4.6m(N)	250W(R)	CANYON RIDGE(R) DR 9300	MAS(N) MAS(R) SV-1-T(R)	SP-1-T(R) 2(E)	SEE NOTES 5, 7 & 9
(D) 1A(E)	3.05m					TV-1-T(E)	SP-2-T(N) 2(E) 8(N)	SEE NOTE 6 & 9

(C) = CITY FURNISHED (E) = EXISTING (N) = NEW (R) = RELOCATE

- NOTES:
- ALL NEW VEHICULAR HEADS SHALL HAVE LED'S AND 300 mm LENSES.
  - ALL NEW LEFT TURN HEADS SHALL HAVE ALL ARROWS.
  - PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.
  - EQUIPMENT NOT TO BE REUSED SHALL BE SALVAGED.
  - RELOCATE EQUIPMENT TO NEW POLE AND INSTALL NEW EQUIPMENT AS INDICATED.
  - INSTALL NEW EQUIPMENT AS INDICATED.
  - INSTALL EMERGENCY VEHICLE PRE-EMPTION DETECTOR.
  - RELOCATE "SHAFT" MOUNTED I.I.S.N.S. TO MAST ARM.
  - REPLACE PPB WITH A.D.A. PPB.

GENERAL NOTES

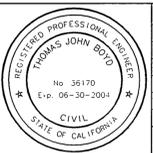
- THIS PLAN IS ACCURATE FOR TRAFFIC SIGNAL WORK ONLY.
- PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY.
- REFERENCE PLAN XL-455 FOR PAVEMENT DELINEATION.
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- REFERENCE PLAN R-3599 FOR STREET IMPROVEMENTS.
- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE CITY TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- TYPICAL DETECTOR LOOP SPACINGS: 10' AND 15'.
- SIGNAL STANDARD FOUNDATIONS NOT TO BE REUSED SHALL BE COMPLETELY REMOVED.

CONSTRUCTION NOTES

- INSTALL EMERGENCY VEHICLE PRE-EMPTION DETECTOR.
- RELOCATE INDICATED SIGN ON SIGNAL MAST ARM.



ENGINEER IN RESPONSIBLE CHARGE  
 THOMAS JOHN BOYD  
 P.C.E. No. 71170 expires 6/30/04  
 DATE 7/9/01



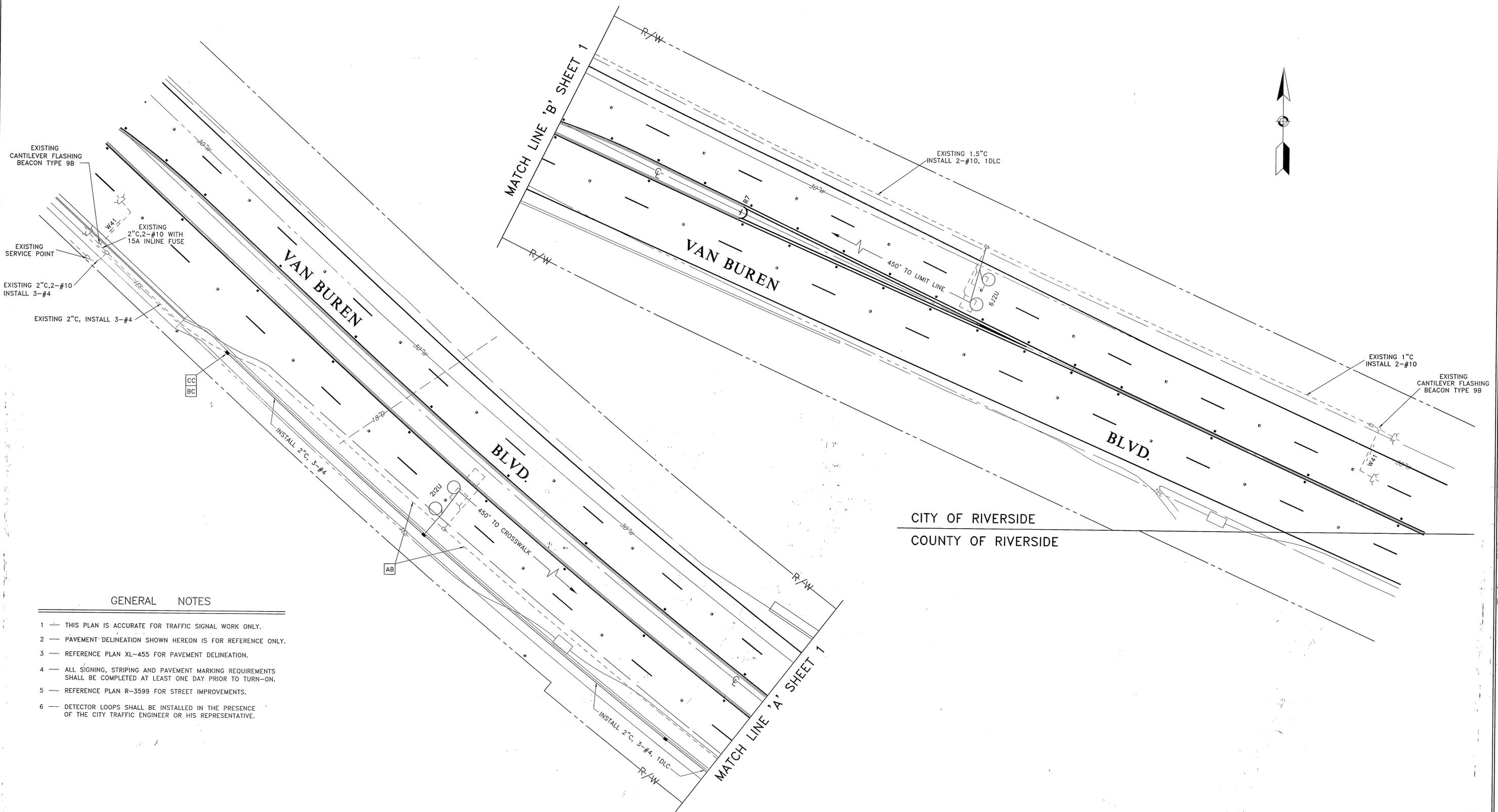
DESIGNED BY: *Bm* DRAWN BY: *BELM* CHECKED BY: \_\_\_\_\_

CITY OF RIVERSIDE, CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED BY: *R. McSwatt* DATE: 7-10-2001  
 DEPUTY P.W. DIRECTOR  
 PRINCIPAL ENGINEER  
 P.W. INSPECTION

TRAFFIC SIGNAL MODIFICATION  
 CANYON RIDGE DR.  
 AND  
 VAN BUREN BLVD.  
 SCALE: 1" = 20'

ACCT. NO. 9538930214-44030200  
 X-361A  
 SHEET 1 OF 2  
 FILE NAME: X361A.DWG

CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10"



EXISTING CANTILEVER FLASHING BEACON TYPE 9B  
 EXISTING SERVICE POINT  
 EXISTING 2" C, 2-#10 WITH 15A INLINE FUSE  
 EXISTING 2" C, 2-#10 INSTALL 3-#4  
 EXISTING 2" C, INSTALL 3-#4

EXISTING 1.5" C  
 INSTALL 2-#10, 1DLC

EXISTING 1" C  
 INSTALL 2-#10

EXISTING CANTILEVER FLASHING BEACON TYPE 9B

**GENERAL NOTES**

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CITY OF RIVERSIDE  
 COUNTY OF RIVERSIDE

CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10"

**IMPORTANT NOTICE**  
 Section 4316/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "permit to excavate" will be valid. For your Dig Alert I.D. Number call  
**CALL TOLL FREE**  
 TWO WORKING DAYS BEFORE YOU DIG  
**UNDERGROUND SERVICE ALERT**  
 1-800-227-2600

**ENGINEER IN RESPONSIBLE CHARGE**  
  
 THOMAS JOHN BOYD  
 R.C.E. No. 36170 expires 6/30/04  
 DATE 7/10/01

MARK	REVISIONS	APPR	DATE

DESIGNED BY *Jim* DRAWN BY *BJM* CHECKED BY:

CITY OF RIVERSIDE, CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
DEPUTY F.W. DIRECTOR	<i>JB</i>	7/6/01
PHYSICAL ENGINEER	<i>JB</i>	7/9/01
P.W. INSPECTOR	<i>JB</i>	7/9/01
TRAFFIC DIVISION	<i>JB</i>	7/10/01

APPROVED BY: *R. Mc Bratt*  
 DIRECTOR OF PUBLIC WORKS  
 DATE 7-10-2001

TRAFFIC SIGNAL MODIFICATION	ACCT. NO.
CANYON RIDGE DR. AND VAN BUREN BLVD.	9538930214-44030200
X-361A	SHEET 2 OF 2
SCALE: 1" = 20'	FILE NAME: X361A.DWG